

In the Specification

At page 24, lines 1-13, please amend the paragraph as follows:

The modem 600 also includes a receiver 604 for receiving multi-tone signals from the transmitter(s). The receiver 604 generally includes an analog interface 614, a time domain equalizer (TEQ) 616, a demodulator 618, a decoder 620 and a controller ~~621~~ 611. Signals received by the receiver 604 (from the transmitter) are initially received through the analog interface 614. The time domain equalizer 616 effectively performs filtering functions on the received signal. A windowing filter (now shown) may also be employed. The demodulator 618 demodulates the equalized discrete multi-tone signal and strips the cyclic prefix. The decoder 620 decodes the demodulated signal. The demodulator 618 and the decoder 620 effectively perform inverse functions of the modulator 608 and encoder 606, respectively. By way of example, the demodulator 618 is generally an FFT modulator that computes the Fourier transform by any suitable algorithm. The decoded signal is then passed from the decoder 620 to a remote device 622 such as a video telephone, a television, a computer, or other suitable receiving apparatus.